

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"6686812".pn.	US-PGPUB; USPAT	OR	ON	2007/06/10 12:36
L3	14	("3164790"   "3833872"   "5313175"   "5499442"   "5532667"   "5689217"   "5841328").PN. OR ("6686812"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/10 12:36
L4	27	(minimiz\$5 or reduc\$4 or eliminat\$4) near5 (noise or distortion or interference) near5 capacitor near5 diode same frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 13:12
L5	28	(minimiz\$5 or reduc\$4 or eliminat\$4 or cancel\$5) near5 (noise or distortion or interference) near5 capacitor near5 diode same frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 13:13
L6	141	(minimiz\$5 or reduc\$4 or eliminat\$4 or cancel\$5) near5 (noise or distortion or interference) near5 capacitor near5 diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 13:14
L7	126	(minimiz\$5 or reduc\$4 or eliminat\$4 or cancel\$5) near5 (noise or distortion or interference) near5 capacitor near5 diode and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 13:42
L8	673	(noise or distortion or interference) near5 capacitor near5 diode and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 13:42

## EAST Search History

L9	28	(noise or distortion or interference) near5 second near5 capacitor near5 diode and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 13:52
L10	673	(noise or distortion or interference) near5 capacitor near5 diode and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 13:53
L11	35	(noise or distortion or interference) near5 capacitor near5 diode and coupler and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 14:14
L12	2	"20050136843".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/10 14:15
S1	2	"20050215198".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:23
S2	2	"6686812".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:03
S3	22370	directional same coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:04

## EAST Search History

S4	3088	directional same coupler same (interference or noise or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:03
S5	683	(directional same coupler same (interference or noise or distortion)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:06
S6	4	(directional same coupler same (interference or noise or distortion)).ab. and frequency same power same harmonics	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:08
S7	18	(directional same coupler same (interference or noise or distortion)).ab. and frequency same power and harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:09
S8	116	(directional same coupler same (interference or noise or distortion)).ab. and frequency same power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:09
S9	9	(directional same coupler same (interference or noise or distortion)).ab. and frequency same power and capacitor and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:11
S10	2	(directional same coupler same (interference or noise or distortion)).ab. and frequency same power and (455/63.1 or 455/39 or 455/296 or 455/114.1 or 455/114.2 or 455/278.1 or 455/296)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:14

## EAST Search History

S11	8	(directional same coupler same (interference or noise or distortion)).ab. and (455/63.1 or 455/39 or 455/296 or 455/114.1 or 455/114.2 or 455/278.1 or 455/296)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:15
S12	683	(directional same coupler same (interference or noise or distortion)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:15
S13	300	(directional same coupler same (interference or noise or distortion)).ab. and power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:16
S14	683	(directional same coupler same (interference or noise or distortion)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:16
S15	47	(directional same coupler same (interference or noise or distortion)).ab. and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:23
S16	13	(directional same coupler same (interference or noise or distortion)).ab. and capacitor and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:24
S18	306	(directional same coupler same (interference or noise or distortion)) and power and capacitor and diode and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:25

## EAST Search History

S19	103	(directional same coupler same (interference or noise or distortion)) and power and capacitor and diode and frequency and harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:25
S20	66	(directional same coupler same (interference or noise or distortion)) and power and capacitor and diode and frequency and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:33
S21	15	(coupler same (interference or noise or distortion)).ab. and power and capacitor and diode and frequency and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:37
S22	3456	(coupler same (interference or noise or distortion)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:37
S23	31	(coupler same (interference or noise or distortion)).ab. and power same diode same capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:40
S24	20	(coupler same (interference or noise or distortion)).ab. and diode same capacitor same frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:47
S25	28	("4268797"   "4317083"   "4462004"   "5087893"   "5363058").PN. OR ("5532646").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/07 21:42

## EAST Search History

S26	24	(coupler and (interference or noise or distortion)).ab. and diode same capacitor same frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:50
S27	1813	(coupler and (interference or noise or distortion)).ab. and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:50
S28	6	(coupler and (interference or noise or distortion)).ab. and frequency and 455/63.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:51
S29	1813	(coupler and (interference or noise or distortion)).ab. and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:51
S30	127	(coupler and (interference or noise or distortion)).ab. and frequency and harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 12:16
S31	6	(coupler and (interference or noise or distortion)).ab. and 455/63.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:57
S32	5628	(coupler and (interference or noise or distortion)).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:57

## EAST Search History

S33	6078	(coupler and (interference or noise or distortion)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:57
S34	2165	(coupler with (interference or noise or distortion)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:57
S35	583	(coupler near3 (interference or noise or distortion)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 21:03
S36	126	(coupler near (interference or noise or distortion)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:57
S37	1	(coupler near (interference or noise or distortion)).ab,ti. and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:58
S38	112	(coupler same (interference or noise or distortion)).ab,ti. and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 21:58
S39	55	(coupler with (interference or noise or distortion)).ab,ti. and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:13

## EAST Search History

S40	657	(coupler with (interference or noise or distortion)).ab,ti. and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 22:00
S41	34	(coupler with (interference or noise or distortion)).ab,ti. and frequency and capacitor and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/07 22:01
S42	7	("4320536"   "4811422"   "5467013"   "5530922"   "5963087"   "6046631"   "6108351").PN. OR ("6894476"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 09:59
S43	5	("4157508"   "5304944"   "5850305"   "6081159"   "6122085").PN. OR ("6271723"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 10:36
S44	14	("3164790"   "3833872"   "5313175"   "5499442"   "5532667"   "5689217"   "5841328").PN. OR ("6686812"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 10:42
S45	6078	(coupler and (interference or noise or distortion)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 12:16
S46	2581	(coupler and (interference or noise or distortion) and (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 12:18
S47	1044	(coupler same (interference or noise or distortion) same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 12:18



## EAST Search History

S48	393	(coupler same (interference or noise or distortion) same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti. and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 12:18
S49	33	(coupler same (interference or noise or distortion) same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti. and frequency and diode and capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 12:30
S50	14	(coupler same (interference or noise or distortion) same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti. and fundamental near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 13:28
S51	1044	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 13:29
S52	393	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti. and frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 13:29
S53	373	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti. and frequency and (@ad<"20040326" or @prad<"20040326" or @riad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 13:31

## EAST Search History

S54	71	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab,ti. and frequency and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and (measur\$3 or calculat\$3 or determin\$3) same power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 13:52
S56	69	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab. and frequency and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and (measur\$3 or calculat\$3 or determin\$3) same power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 13:56
S57	98	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and (measur\$3 or calculat\$3 or determin\$3) same power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:03
S58	250	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and (measur\$3 or calculat\$3 or determin\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:03
S59	406	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:03

## EAST Search History

S60	27	((interference or noise or distortion) same coupler same (minimiz\$5 or reduc\$3 or compensat\$4 or eliminat\$4)).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and power and frequency and capacitor and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:09
S61	56	((interference or noise or distortion) same coupler ).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and power and frequency and capacitor and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 19:01
S62	3260	((interference or noise or distortion) same coupler ).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:31
S63	19	((interference or noise or distortion) same coupler ).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and fundamental near2 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:31
S65	19	((interference or noise or distortion) same coupler ).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and fundamental near2 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 17:29
S66	238	coupler same (noise or distortion or interference) same capacitor same diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:46
S67	167	coupler same (noise or distortion or interference) same capacitor same diode and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 14:53

## EAST Search History

S68	7	("4320536"   "4811422"   "5467013"   "5530922"   "5963087"   "6046631"   "6108351").PN. OR ("6894476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 14:49
S69	21142	directional with coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:07
S70	19663	directional coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:07
S71	2929	(directional coupler).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:08
S72	250	(directional coupler).ti. and (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:39
S73	325	radio same frequency same coupl\$3 same power same (interference or distortion or noise) same harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:40
S74	5	radio same frequency same coupl\$3 same power same (interference or distortion or noise) same harmonic and (455/63.1 or 455/39 or 455/114.2 or 455/114.1 or 455/296 or 455/278.1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:43

## EAST Search History

S75	2	"6686812".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:46
S76	14	("3164790"   "3833872"   "5313175"   "5499442"   "5532667"   "5689217"   "5841328").PN. OR ("6686812"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 15:50
S77	175	radio and coupler and envelope same detector and frequency and harmonics	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:52
S78	175	radio and coupler and envelope same detector and frequency and harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 15:52
S79	58	radio and coupler and envelope same detector and frequency and harmonic and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:15
S80	1481	(measur\$3 or calculat\$3 or determin\$3) same power same (RF or (radio near2 frequency)) and directional with coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:18
S81	466	(measur\$3 or calculat\$3 or determin\$3) same power same (RF or (radio near2 frequency)) same directional with coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:18

## EAST Search History

S82	1	(measur\$3 or calculat\$3 or determin\$3) same power same (RF or (radio near2 frequency)) same directional with coupler and 455/63.1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:19
S83	451	(measur\$3 or calculat\$3 or determin\$3) same power same (RF or (radio near2 frequency)) same directional coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:20
S84	97	(measur\$3 or calculat\$3 or determin\$3) same power same (RF or (radio near2 frequency)) same directional coupler and (minimiz\$5 or reduc\$4 or eliminat\$3) near5 (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:41
S85	242	(measur\$3 or calculat\$3 or determin\$3) same power same (RF or (radio near2 frequency)) same coupler and (minimiz\$5 or reduc\$4 or eliminat\$3) near5 (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:42
S86	186	(measur\$3 or calculat\$3 or determin\$3) same power same (RF or (radio near2 frequency)) same coupler and (minimiz\$5 or reduc\$4 or eliminat\$3) near5 (noise or interference or distortion) and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 16:43
S88	8	generat\$3 same (RF or (radio adj frequency)) same coupler same (measur\$3 or calculat\$3 or determin\$3) same power and (455/63.1 or 455/39 or 455/296 or 455/114.2 or 455/114.1 or 455/278.1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 17:34
S89	21	((interference or noise or distortion) same coupler ).ab. and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326") and fundamental near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 19:02

## EAST Search History

S90	26	radio and (RF or (radio adj frequency)) and fundamental adj frequency and harmonic and measuring near4 power and coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 20:31
S91	892	directional coupler and measur\$3 same power same (RF or (radio adj frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 20:32
S92	124	directional coupler with measur\$3 same power same (RF or (radio adj frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 20:32
S93	64	directional coupler with measur\$3 with power with (RF or (radio adj frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 20:46
S94	30	directional coupler with measur\$3 with power with (RF or (radio adj frequency)) and radio same transmit\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 20:47
S95	14	("3164790"   "3833872"   "5313175"   "5499442"   "5532667"   "5689217"   "5841328").PN. OR ("6686812").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/08 20:54
S96	3649	(coupler same (interference or noise or distortion)).ab,ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 21:03

## EAST Search History

S97	36	(coupler same (interference or noise or distortion)).ab,ti. and measur\$3 same transmit\$4 same power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 21:11
S98	35	(coupler same (interference or noise or distortion)).ab. and measur\$3 same transmit\$4 same power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/08 21:08
S99	157	( directional coupler).ab,ti. and measur\$3 same transmit\$4 same power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 08:53
S10 0	2	(RF or (radio adj frequency)) with fundamental near4 frequency with "2.4" GHZ	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 08:54
S10 1	2	(RF or (radio adj frequency)) with fundamental near4 frequency with "2.4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 08:55
S10 2	34	(RF or (radio adj frequency)) same fundamental near4 frequency same "2.4"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 09:04
S10 3	6	directional same coupler same (interference or noise or distortion) and host near3 interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:04



## EAST Search History

S10 4	575	directional same coupler same (interference or noise or distortion) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:04
S10 5	97	directional same coupler same (interference or noise or distortion) and interface and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:04
S10 6	119	(coupler with (interference or noise or distortion)).ab,ti. and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:23
S10 7	4	(coupler with (interference or noise or distortion)).ab,ti. and interface same radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:18
S10 8	7	(coupler with (interference or noise or distortion)).ab. and interface and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:23
S10 9	10	radio same interface same coupler same (minimiz\$4 or reduc\$4 or eliminat\$4) same (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:46
S11 0	24	radio same interface same coupler same (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:59

## EAST Search History

S11 1	335	radio same interface same coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 10:59
S11 2	101	radio same interface same coupler and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 11:48
S11 3	35	radio with interface with coupler and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 11:02
S11 4	13071	host interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 11:02
S11 5	2454	host interface and radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 11:02
S11 6	70	host interface and radio and coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 18:29
S11 7	2	"6894476".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 11:48

## EAST Search History

S11 8	7	("4320536"   "4811422"   "5467013"   "5530922"   "5963087"   "6046631"   "6108351").PN. OR ("6894476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 11:48
S11 9	659	(noise or distortion or interference) with capacitor with diode with frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:00
S12 0	3	(noise or distortion or interference) with capacitor with diode with frequency and (coupler).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:02
S12 1	4	(noise or distortion or interference) with capacitor with diode with frequency and (coupler).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:04
S12 2	39	(noise or distortion or interference) with capacitor with diode with frequency and coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:19
S12 3	439	coupler and (noise or distortion or interference) same capacitor same diode same frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:20
S12 5	57	coupler and (noise or distortion or interference) same capacitor same diode same frequency and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:35

## EAST Search History

S12 6	482	(minimiz\$4 or reduc\$4 or eliminat\$4) same (distortion or interference or noise) same fundamental near3 frequency same transmit\$4 and harmonic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:38
S12 7	163	(minimiz\$4 or reduc\$4 or eliminat\$4) same (distortion or interference or noise) same fundamental near3 frequency same transmit\$4 and harmonic and (@ad<"20040326" or @prad<"20040326" or @rlad<"20040326")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:41
S12 8	2	"5530922".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:42
S12 9	2	"5467013".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:42
S13 0	2	"6108351".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:43
S13 1	2	"5963087".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:44
S13 2	2	"6046631".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 14:44

## EAST Search History

S13 3	2	("4360865").PN. OR ("6046631"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 14:56
S13 4	7	("4320536"   "4811422"   "5467013"   "5530922"   "5963087"   "6046631"   "6108351").PN. OR ("6894476"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 15:07
S13 5	2	"4811422".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:07
S13 6	20	("3202928"   "3458816").PN. OR ("4811422").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/09 15:10
S13 7	2	(second near3 capacitor) same (third near3 capacitor) same diode same (noise or interference or distortion) same fundamental near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:15
S13 8	121	(second near3 capacitor) same (third near3 capacitor) same diode same (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:15
S13 9	7713	(directional with coupler).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:31
S14 0	1510	(directional with coupler).ab. and (noise or interference or distortion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:32

## EAST Search History

S14 1	1	(directional with coupler).ab. and (noise or interference or distortion) and diode and multiple near3 capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:35
S14 2	9	(directional with coupler).ab. and (noise or interference or distortion) and diode and (first near3 capacitor) and (second near3 capacitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:48
S14 3	91	(directional with coupler).ab. and (noise or interference or distortion) and diode and capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 15:48
S14 4	82	radio module and host interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 16:51
S14 5	3	radio module and host interface and coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 16:52
S14 6	82	radio module and host interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 16:52
S14 7	146	(directional same coupler).ab. and (noise or interference or distortion) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 17:45

## EAST Search History

S14 8	24	(directional same coupler).ab. and (noise or interference or distortion) and interface same radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 17:50
S14 9	146	(directional same coupler).ab. and (noise or interference or distortion) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 17:56
S15 0	1	(directional same coupler).ab. and (noise or interference or distortion) and host near3 interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 17:56
S15 1	146	(directional same coupler).ab. and (noise or interference or distortion) and interface	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 17:56
S15 2	1	host interface same radio same directional near3 coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 18:12
S15 3	2	host interface same radio same coupler	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 18:12
S15 4	2	"6873608".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 18:43

## EAST Search History

S15 5	2	"20050221763".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 18:43
S15 6	2	"6894476".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:25
S15 7	9586	envelope near3 detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:25
S15 8	321	envelope near3 detector and (directional coupler)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:26
S15 9	261	envelope near3 detector and (directional coupler) and (noise or distortion or interference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:27
S16 0	28	envelope near3 detector same (directional coupler) same (noise or distortion or interference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:33
S16 1	2	"6894476".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:34



## EAST Search History

S16 2	2	(directional same coupler).ab. and (noise or interference or distortion) and harmonic and frequency and envelope near3 detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 20:36
S16 3	69	(directional same coupler) and (noise or interference or distortion) and harmonic and frequency and envelope near3 detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 21:10
S16 4	4	(directional same coupler).ab. and envelope near3 detector and capacitor and diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 21:14
S16 5	71	coupler and envelope near3 detector and capacitor and diode and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 21:16
S17 0	148	coupler with envelope detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 21:41
S17 1	14	coupler with envelope detector with (noise or distortion or interference)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 21:46
S17 2	56	coupler near4 envelope detector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 21:57

## EAST Search History

S17 3	13	coupler same envelope detector same capacitor same diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 22:40
S17 4	18639	(distortion or noise or interference) same capacitor same diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 22:41
S17 5	1501	(distortion or noise or interference) same capacitor same diode and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 22:41
S17 6	247	(distortion or noise or interference) with capacitor with diode and "455"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/06/09 22:42